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(54) Title: METHOD FOR PREPARING FUNCTIONALISED POLYORGANOSILOXANE RESINS BY REDISTRIBUTION IN THE PRESENCE OF TRIFLIC ACID AND/OR AT LEAST OF ONE OF ITS DERIVATIVES AND NON-BASIC INERT FILLER

(54) Titre : PROCÉDE DE PREPARATION DE RESINES POLYORGANOSILOXANE FONCTIONNALISEES PAR REDISTRIBUTION EN PRESENCE D'ACIDE TRIFLIQUE ET/OU D'AU MOINS L'UN DE SES DERIVES ET DE CHARGE INERTE NON BASIQUE

(57) Abstract: The invention concerns a method for preparing functionalised polyorganosiloxane resins (POS) and comprising units M: (R₃SiO_{1/2}), Q: (SiO_{4/2}) and M': (Y₃R₃₋₄SiO_{1/2}) and optionally D: (R₂SiO_{2/2}) and/or D': (RYSiO_{2/2}) and/or T: (RSiO_{3/2}) and/or T': (YSiO_{3/2}), wherein, in said units R = C₁-C₁₀ alkyl or a C₈-C₁₂ aryl, and Y a functional group (for example, Si-H), by redistribution of POS resins, using POSf bearing functional groups M' and/or D' and/or in the presence of an acid catalyst such as triflic acid or one of its derivatives and a non-basic inert filler: carbon black, diatom earth, zeolite or acid or neutral oxide (Al₂O₃, Na₂O, TiO₂, MgO, silica). The invention also concerns said catalytic system.

(57) Abrégé : La présente invention concerne un procédé de préparation de résines polyorganosiloxanes (POS) fonctionnalisées et comprenant des motifs M : (R₃SiO_{1/2}), Q : (SiO_{4/2}) et M' : (Y₃R₃₋₄SiO_{1/2}) et éventuellement D: (R₂SiO_{2/2}) et/ou D' : (RYSiO_{2/2}) et T : (RSiO_{3/2}) et/ou T' : (YSiO_{3/2}), avec, dans ces motifs R =alkyle en C₁-C₁₀ ou un aryle en C₈ C₁₂, et Y groupement fonctionnel (e.g. Si-H), par redistribution de résines POS à l'aide de POSf porteurs de motifs fonctionnels M' et/ou D' et/ou en présence d'un catalyseur acide du type acide triflique ou l'un de ses dérivés et d'une charge inerte non-basique : noir de carbone, terre diatomée, zéolithe ou oxyde acide ou neutre (Al₂O₃, Na₂O, TiO₂, MgO, silice). La présente invention concerne encore le système catalytique susvisé.

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